

M&I 2018 Sch B-6 F.Z22.xlsx
8/12/2019

CENTRAL VALLEY PROJECT
SCHEDULE OF MUNICIPAL AND INDUSTRIAL OPERATION & MAINTENANCE EXPENSE
BY FACILITY AND/OR COMPONENT FOR FY 2018

A	B
Component/Facility/Contractor	Reimbursable O&M Expense
ref	<Financial Statement>
Routine O&M	
Storage	
American River	\$ 8,210.61
Black Butte Dam & Reservoir	\$ 78,879.54
Clear Creek Tunnel	\$ 4,124.29
Safety, Security, Law Enforcement (SSLE)	\$ 558,589.19
Columbia-Mowry System	\$ 32,777.54
Delta Cross Channel	\$ 20,026.23
Folsom Dam & Reservoir	\$ 81,660.22
Folsom Pipelines	\$ 25,001.33
Folsom Pumping Plant	\$ 20,363.71
Folsom Complex	\$ 67,545.43
Folsom Garage	\$ 11,427.03
Folsom Plant Maint Draw	\$ 5,008.28
Friant Dam & Reservoir	\$ 229,941.98
Gianelli, WR Pumping-Generating Plant	\$ 494,030.26
Regenerating Credit	\$ -
San Felipe Unit 2/	\$ (132,686.65)
ClairHill, CA Whiskeytown Dam	\$ 37,360.37
New Melones Dam & Reservoir	\$ -
Nimbus Dam & Reservoir	\$ 169,164.71
Sacramento River	\$ 5,095.86
San Joaquin River	\$ 4,781.25
Shasta Dam & Reservoir	\$ 249,223.42
Coleman Fish Hatchery	\$ 558,400.05

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ref	<Financial Statement>
CNFH Wtr Supp Intake Rehab	\$ -
CNFH Fish Scrn	\$ 25,563.64
Sisk, BF San Luis Dam & Reservoir	\$ 959,155.55
Spring Creek Tunnel	\$ 14.63
Trinity Dam & Clair Eagle	\$ 22,876.73
KESWK FISH TRAP	\$ -
RAX Program Management	\$ 13,221.53
Whiskeytown Dam	\$ -
Rax 577 -Dxc Gear repair	\$ 11,982.19
RAX 597 Demo Civil Maint Bldg	\$ 583.05
Warren Act Contractor Revenues	\$ (82,167.34)
Total Storage Costs	\$ 3,480,154.62
Shasta Dam XO&M	\$ 8,143.14
Gianelli Pump/Turbine Casing - XO&M	\$ 76,880.34
San Felipe Unit - XO&M	\$ (20,648.52)
Total Storage Costs XO&M	\$ 64,374.96
Conveyance and Drainage	
Folsom-South Canal	\$ 75,475.11
Warren Act Contractor Revenues	\$ (75,475.11)
Total Conveyance and Drainage Costs	\$ -
Direct Costs (Pumping & Other)	
Contra Costa Canal	
Contra Costa PP (Contra Costa WD)	\$ -
Cow Creek Unit	
Wintu-Cow Creek PP - Power/Bella Vista WD	\$ -
Cross Valley Canal: Dos Amigos PP & State Delta PP	
County of Fresno	\$ -
County of Tulare	\$ -
San Felipe Unit	
San Benito County WD	
Gianelli, WR PGP 2/	\$ 2,755.90
Gianelli, WR PGP - XO&M 2/	\$ 428.87

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ref	<Financial Statement>
Santa Clara Valley WD	
Coyote PP - Power	\$ -
Gianelli, WR PGP 2/	\$ 129,930.75
Gianelli, WR PGP - XO&M	\$ 20,219.65
Toyon Pipeline	
City of Shasta Lake	\$ 100,414.92
Total Direct Costs (Pumping & Other)	\$ 253,750.09
Water Marketing 1/	
Allocated Water Marketing Costs	\$ 2,419,850.68
215 Water Revenue	\$ -
Warren Act Revenues	\$ (155,558.44)
Temporary Revenues	\$ (422,291.54)
Total Water Marketing	\$ 1,842,000.70
Total Costs To Be Allocated as Current Year O&M	\$ 5,640,280.37

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A	B
Component/Facility/Contractor	Reimbursable O&M Expense
ref	<Financial Statement>
<u>COSTS TO BE DIRECT BILLED</u>	
Conveyance	
DMC Regulatory Actions	\$ 1,647.07
Delta-Mendota Canal	\$ 1.42
Tracy Switchyard	\$ 308.75
Red Bluff Research Pumping Plant O&M	\$ 3.28
Red Bluff Diversion Dam & PP	\$ 4.67
Tehama-Colusa Canal	\$ 792.44
Tehama-Colusa Canal Fish Facility	\$ 10.39
Warren Act Contractor Revenues	\$ (2,768.03)
Total Conveyance Costs To Be Direct Billed	\$ -
Conveyance Pumping	
Dos Amigos Pumping Plant & Switchyard	\$ -
O'Neill Pumping-Generating Plant	\$ 2,015.47
Regenerating Credit	\$ -
Jones Pumping Plant/Intake & Admin Bldg	\$ 11,228.91
Tracy Admin Bld RAX 610 Bld & HVAC rehab	\$ 10,433.75
CCAO OFC BLDG Planning & Design	\$ 37,310.22
SCCAO Office Building Planning & Design	\$ 35,626.67
Total Conveyance Pumping Costs To Be Direct Billed	\$ 96,615.02
Grand Total	\$ 5,736,895.40

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SCHEDULE OF MUNICIPAL AND INDUSTRIAL OPERATION & MAINTENANCE EXPENSE
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Footnotes

1/ Financial Statement Costs are taken from Schedules 22 & 25 of the 2018 CVP Consolidated Financial Statement (F/S). For certain facilities, the power costs have been isolated and shown under "Project Use Energy". FY 2018 O&M Expenses are as follows:

	Joint Expense Recorded in F/S Sch 25	Expenses or Credits Not Recorded in F/S Sch 25 a/	Total Per F/S Sch 22	Other Adjustments to Expense b/	Total Expenses	Direct Billed	Total Reimbursable Expenses to be Allocated per Ratesetting
Storage	\$ 3,812,774.85	\$ 105,812.00	\$ 3,918,586.85	\$ (374,057.27)	\$ 3,544,529.58	\$ -	\$ 3,544,529.58
Carriage	\$ 66,640.29	\$ 460,214.08	\$ 526,854.37	\$ (176,489.25)	\$ 350,365.11	\$ 96,615.02	\$ 253,750.09
Water Marketing (Includes G&A)	\$ 2,419,850.68	\$ 98,659.51	\$ 2,518,510.19	\$ (676,509.49)	\$ 1,842,000.70	\$ -	\$ 1,842,000.70
Other	\$ -	\$ 35,628.17	\$ 35,628.17	\$ (35,628.17)	\$ -	\$ -	\$ -
Interest on Investment	\$ -	\$ 796,186.68	\$ 796,186.68	\$ (796,186.68)	\$ -	\$ -	\$ -
Financial Statement Balance	<u>\$ 6,299,265.82</u>	<u>\$ 1,496,500.44</u>	<u>\$ 7,795,766.26</u>	<u>\$ (2,058,870.87)</u>	<u>\$ 5,736,895.40</u>	<u>\$ 96,615.02</u>	<u>\$ 5,640,280.37</u>

a/ Detail of financial statement expenses or credits in Schedule 22 but not recorded in the Multipurpose Expense Schedule 25.

<u>Storage</u>	<u>Carriage</u>	<u>Water Marketing</u>	<u>Other</u>	
Folsom Dam (E214)	105,812.00	Folsom South Canal (0353)	\$ 460,214.08	Toyon Pipeline (1741)
			\$ 98,659.51	Shasta Pipeline (1741)
				Other
				\$ 1,755.41
				\$ 33,872.76
				Interest on Investment (0214)
				\$ 796,186.68

b/ Detail of Ratesetting O&M Expense Adjustments to Reconcile with F/S Schedule 22:

Storage:

Folsom Dam (E214) Interest On Investment	\$ (105,812.00)	Total
Gianelli WR PGP costs moved to Direct Pumping	\$ (132,686.65)	
Sacramento River (0725) moved from Carriage	\$ 4,899.37	
Gianelli Pump/Turbine Casing - XO&M moved to Direct Pumping (SF Unit)	\$ (20,648.52)	
O'Neil Intake Power Program Services moved to Carriage	\$ (2,015.47)	
SCCAO Office Building Planning & Design moved to Carriage	\$ (35,626.67)	
Warren Act Contractor revenues - O&M portion	<u>\$ (82,167.34)</u>	
		\$ (374,057.27)

Carriage:

Toyon Pipeline moved from Water Marketing	\$ 98,659.51	
Shasta Pipeline moved from Other	\$ 1,755.41	
Gianelli WR PGP costs moved from Storage	\$ 132,686.65	
Folsom South Canal - In Abeyance (83.6%)	\$ (384,738.97)	
Folsom-South Canal - Warren Act Contractor Revenues - O&M portion	\$ (75,475.11)	
O'Neil Intake Power Program Services moved from storage	\$ 2,015.47	
SCCAO Office Building Planning & Design moved from Storage	\$ 35,626.67	
Gianelli Pump/Turbine Casing - XO&M moved from storage (SF Unit)	\$ 20,648.52	
Sacramento River (0725) moved to Storage	\$ (4,899.37)	
Warren Act Contractor revenues - O&M portion	<u>\$ (2,768.03)</u>	
		\$ (176,489.25)

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Footnotes

Water Marketing:

Toyon Pipeline moved to Carriage	\$	(98,659.51)	
215 Water Revenue	\$	-	
Warren Act Contractor revenues - O&M portion	\$	(155,558.44)	
Temporary Rate Revenues	\$	(422,291.54)	
			\$ (676,509.49)

Other

Shasta Pipeline moved to Carriage	\$	(1,755.41)	
Other	\$	(33,872.76)	
			\$ (35,628.17)

Interest on Investment

Total			\$ (796,186.68)
			<u>\$ (2,058,870.87)</u>

c/ Includes General and Administrative Expenses.

2/ Determination of FY 2018 Gianelli, WR Pump Generator "Storage" and "Direct Pumping" costs allocated to the San Felipe Unit are as follows:

	San Felipe Unit (Storage)			All Other Storage Contractors	Total
	Total	Direct Pumping Applicable To Gianelli, WR Pump Generator			
		San Benito	Santa Clara		
2018 Storage Deliveries (A/F)	111,741	2,321	109,420	304,308	416,049
Ratios	0.26858	0.02077	0.97923	0.73142	1.00000
Allocated Gianelli, WR Pump Generator Costs (Excludes Regeneration Credit) - 2018:					
Direct Costs	\$ 132,686.65	\$ 2,755.90	\$ 129,930.75	\$ 361,343.62	\$ 494,030.27
Direct Costs - XO&M	\$ 20,648.52	\$ 428.87	\$ 20,219.65	\$ 56,231.82	\$ 76,880.34

Note: Storage Expense Allocation

(The following calculations are provided for use on Schedule of CVP Allocated Municipal and Industrial Storage Expense)

	San Felipe Unit			All Other Contractors	Total
	Other Storage Expense	Direct Pumping Gianelli, WR PGP			
Allocated Gianelli, WR PGP Costs:					
Direct Costs (see 2/ above)		\$ 132,686.65		\$ 361,343.62	\$ 494,030.27
Direct Costs - XO&M (see 2/ above)		\$ 20,648.52		\$ 56,231.82	\$ 76,880.34
Direct Pumping Expense		<u>\$ 153,335.17</u>			\$ (153,335.17)
Storage O&M Expense	\$ 839,826.52			\$ 2,287,127.62	\$ 3,126,954.14
Total Allocable Storage Expense	<u>\$ 839,826.52</u>			<u>\$ 2,704,703.06</u>	<u>\$ 3,544,529.58</u>
Grand Total					
Reconciliation of Storage Costs					
O&M Allocated to all contractors (Schedule B-4A)	837,639.43			2,642,515.19	\$ 3,480,154.62
Extraordinary O&M (schedule B-1C)	2,187.08			62,187.87	\$ 64,374.96
Total Storage Costs To Be Allocated	<u>\$ 839,826.52</u>			<u>\$ 2,704,703.06</u>	<u>\$ 3,544,529.58</u>